IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Matthew L. Bisque et al.

Serial Number: 10/041,971   Art Unit: 2179

Filed: January 2, 2002   Examiner: Mylinh T. Tran

For: SYSTEM FOR OPERATING AN ASTRONOMICAL OBSERVATORY OVER A

NETWORK

SUBSTITUTE AMENDMENT UNDER C.F.R. 1.111

Office of Petitions
Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Responsive to a Decision on Petition under 37 CFR 1.78(a)(6) from the Office of

Petitions dated April 19, 2007 and a Request for Continued Examination (RCE)

Transmittal filed with an Amendment under C.F.R. 1.111 faxed to the Patent Office on

February 5, 2007, please see the following substitute amendment to the specifications on

page 1 of the subject nonprovisional patent application.

STATUS OF THE APPLICATION

A Notice of Allowance and Fee(s) Due was mailed from the Patent Office on

November 16, 2006. The issue fee is due on or before February 16, 2007.

IN THE SPECIFICATIONS

Enclosed is an amendment to page 1 of the specifications adding a reference to a

provisional patent application filed on January 29, 2001 by the subject inventors. The

amendment to page 1 is marked "Corrected Replacement Page". A copy of the

provisional application's filing receipt marked "Exhibit A" verifying the filing of this

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application was faxed with the first amendment on February 5, 2007. Please substitute

this Corrected Replacement Page for the current page 1 in the application.

CONCLUSION

Re-examination, reconsideration and allowance of the application are

requested in view of the foregoing remarks and the specifications as amended. Should

the examiner have any questions regarding this amendment it is urged that she contact the

undersigned.

Respectfully submitted,

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Corrected Keplacement Page

SYSTEM FOR OPERATING AN ASTRONOMICAL OBSERVATORY IN REAL TIME USING HTTP

This application claims the benefit of provisional patent application, serial number 60/264,302,

filed on January 29, 2001, by the subject inventors and having a title "SYSTEM AND METHOD FOR

5   OPERATING AN OBSERVATORY USING A WEB BROWSER".

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

This invention relates to controlling an astronomical observatory by means of a web browser and

10   web server communicating by an http protocol and more particularly, but not by way of limitation to

controlling an astronomical observatory wherein a user, by means of the web browser, may manipulate the

observatory either remotely or locally in real time and independent of personnel support located at the

observatory site.

DISCUSSION OF THE PRIOR ART

15   In U.S. Pat. No. 4,682,091 to Krewalk et al. a telescope control system is described. The control

system found therein discloses the use of a microprocessor and a motor placed on each of two axis which

makes it possible for an operator to receive digital information concerning the position of a telescope and

further allow the operator to manipulate the telescope digitally.

U.S. Pat. No. 5,133,050 to George et al. discloses a system for operating a telescope wherein a

20   graphical display representing the night sky maybe used by an operator to guide a telescope. In this system

as the operator locates an object on the graphical display the telescope processes the objects location and

automatically points to its coordinates.

In U.S. Pat. No. 6,304,376 to Baun et al. a fully automated telescope system with distributed

intelligence is described combining a telescope with a controlling processor unit such as a computer

25   wherein, once the geographic location of the telescope has been ascertained, the telescope will

automatically point to or track any object in the sky.

None of the above mentioned prior art patents specifically disclose the unique features of the

subject system for controlling an astronomical observatory in real time by means of a web browser and web

server communicating by way of an http protocol.